ABSTRACT

An alternating unipolar carrier waveform is used to drive a pi-cell modulator. The pi-cell is driven by the carrier, but the carrier never changes polarity within the time period that the cell is energized. However, each time the cell is energized, i.e., once per field, the polarity alternates. Further, a burst of pulses each separated by a short rest period is used on initial application of power to more quickly drive the pi-cell to its activated state,